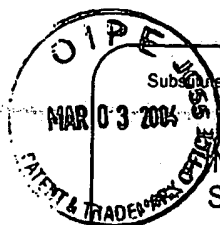


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Sheet	1	of	5
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Complete if Known

Application Number	10/705,610
Filing Date	November 10, 2003
First Named Inventor	Roger W. Phillips
Art Unit	3722
Examiner Name	Unknown
Attorney Docket Number	48930-01611

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
[Signature]	1	US-	3,011,383	12/1961	Sylvester, et al.	
	2	US-	4,756,771	07/12/88	Brodalla, et al.	
	3	US-	4,779,898	10/25/88	Berning, et al.	
	4	US-	5,002,312	3/26/91	Phillips, et al.	
	5	US-	5,009,486	04/23/91	Dobrowolski, et al.	
	6	US-	5,084,351	01/28/92	Phillips, et al.	
	7	US-	5,171,363	12/15/92	Phillips, et al.	
	8	US-	5,364,467	11/15/94	Schmid, et al.	
	9	US-	5,648,165	07/15/97	Phillips, et al.	
	10	US-	5,650,248	07/22/97	Miekka, et al.	
	11	US-	5,763,086	06/09/98	Schmid, et al.	
	12	US-	5,858,078	01/12/99	Andes, et al.	
	13	US-	5,912,767	06/15/99	Lee	
	14	US-	5,989,626	11/23/99	Coombs, et al.	
	15	US-	6,013,370	01/11/00	Coulter, et al.	
	16	US-	6,045,230	04/04/00	Dreyer, et al.	
	17	US-	6,068,691	05/30/00	Miekka, et al.	
	18	US-	6,112,388	09/05/00	Kimoto, et al.	
[Signature]	19	US-	6,168,100 B1	01/02/01	Kato, et al.	
	20	US	6,241,858 B1	06/05/01	Phillips, et al.	

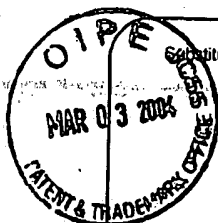
FOREIGN PATENT DOCUMENTS						
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	21	DE 43 43 387	06/25/95			<input type="checkbox"/>
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	24	WO 98/12583	03/26/98			<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

Examiner Signature	<i>[Signature]</i>	Date Considered	5/27/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	2	of	5
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Complete if Known

Application Number	10/705,610
Filing Date	November 10, 2003
First Named Inventor	Roger W. Phillips
Art Unit	3722
Examiner Name	Unknown
Attorney Docket Number	48930-01611

U.S. PATENT DOCUMENTS

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C	25	US-	4,066,280	01/03/78	LaCapria	
	26	US-	4,126,373	11/21/78	Moraw	
	27	US-	4,155,627	05/22/79	Gale, et al.	
	28	US-	4,168,983	09/25/79	Vittands, et al.	
	29	US-	4,930,866	06/05/90	Berning, et al.	
	30	US-	5,009,486	04/23/91	Dobrowolski, et al.	
	31	US-	5,106,125	04/21/92	Antes	
	32	US-	5,214,530	05/25/93	Coombs, et al.	
	33	US-	5,254,390	10/1993	Shih-Lai Lu	
	34	US-	5,339,737	08/23/94	Lewis, et al.	
C	35	US	5,464,710	11/07/95	Yang	
	36	US-	5,549,953	08/1996	Li Li	
	37	US-	5,591,527	01/1997	Shih-Lai Lu	
	38	US-	5,700,550	12/23/97	Uyama, et al.	
	39	US-	5,856,048	01/1999	Tahara, et al.	
	40	US-	6,031,457	02/29/00	Bonkowski, et al.	
	41	US-	6,150,022	11/2000	Coulter, et al.	
	42	US-	6,157,489	12/05/00	Bradley, Jr., et al.	
	43	US-	6,242,510 B1	06/05/01	Killey	
	44	US-	6,243,204 B1	06/05/01	Bradley, Jr., et al.	

FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

Date	Considered
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3/27/24

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Application Number	10/705,610
Filing Date	November 10, 2003
First Named Inventor	Roger W. Phillips
Art Unit	3722
Examiner Name	Unknown
Attorney Docket Number	48930-01611

 Sheet **3** of **5**

U.S. PATENT DOCUMENTS

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C	45	US-	Re.35,512	05/20/97	Nowak, et al.	
	46	US-	4,168,983	09/25/79	Vittands, et al.	
	47	US-	4,434,010	02/28/84	Ash	
	48	US-	4,705,300	11/10/87	Berning, et al.	
	49	US-	4,705,356	11/10/87	Berning, et al.	
	50	US-	4,721,217	01/26/88	Phillips, et al.	
	51	US-	4,838,648	06/13/89	Phillips, et al.	
	52	US-	5,059,245	10/22/91	Phillips, et al.	
	53	US-	5,084,351	01/28/92	Phillips, et al.	
	54	US-	5,135,812	08/04/92	Phillips, et al.	
M	55	US	5,171,363	12/15/92	Phillips, et al.	
	56	US-	5,278,590	01/11/94	Phillips, et al.	
	57	US-	5,279,657	01/18/94	Phillips, et al.	
	58	US-	5,549,774	08/27/96	Miekka, et al.	
	59	US-	5,571,624	11/05/96	Phillips, et al.	
	60	US-	5,624,076	04/29/97	Miekka, et al.	
	61	US-	5,629,068	05/13/97	Miekka, et al.	
	62	US-	5,672,410	09/30/97	Miekka, et al.	
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FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	5/27/04
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
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Sheet	4	of	5	First Named Inventor	Roger W. Phillips
				Art Unit	3722
				Examiner Name	Unknown
				Attorney Docket Number	48930-01611

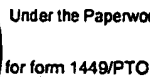
NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
ly	63	John M. McKiernan, et al., "Luminescence and Laser Action of Coumarin Dyes Doped in Silicate and Aluminosilicate Glasses Prepared by the Sol-Gel Technique," Journal of Inorganic and Organometallic Polymers, Vol. 1, No. 1, 1991, pages 87-103.
	64	Jeffery I. Zink, et al., "Optical Probes and Properties of Aluminosilicate Glasses Prepared By The Sol-Gel Method," Polym. Mater. Sci. Eng., pages 204-208 (1989).
	65	Don W. Tomkins, Kurz Hastings, "Transparent Overlays for Security Printing and Plastic ID Cards," Pages 1-8, November, 1997.
	66	The Mearl Corporation brochure for "Mearl Iridescent Film," Peekskill, NY.
	67	J.A. Dobrowolski; K.M. Baird; P.D. Carman; and A. Waldorf, "Optical Interference Coatings for Inhibiting of Counterfeiting," Optica Acta, 1973, Vol. 20, No. 12, 925-937.
	68	The R.D. Mathis Company Manual for "Thin Film Evaporation Source Reference," Long Beach, CA.
	69	Minolta Manual for "Precise Color Communication, Color Control From Feeling to Instrumentation," Pages 18, 20, 22, 23, 46, 47, 48 and 49.
	70	Frans Defilet, LGZ Landis & Gyr Zug Corporation, "Kinegrams 'Optical Variable Devices' (OVD's) For Banknotes, Security Documents and Plastic Cards," San Diego, April 1-3, 1987
	71	S.P. McGrew, "Hologram Counterfeiting: Problems and Solutions," SPIE, Volume 1210 Optical Security and Anticounterfeiting Systems, 1990, Pages 66-76.
	72	Rudolf L. van Renesse, "Security Design of Valuable Documents and Products," SPIE, Vol. 2659, June 1996, Pages 10-20.
	73	Steve McGrew, "Countermeasures Against Hologram Counterfeiting," Internet site www.iea.com/nl/publications/countermeasures.htm , January 6, 2000.
	74	Roger W. Phillips, "Optically Variable Films, Pigments, and Inks," SPIE Vol. 1323, Optical Thin Films III: New Developments, 1990, Pages 98-109.
~	75	Roger W. Phillips, and Anton F. Bleikolm, "Optical Coatings for Document Security," Applied Optics, Vol. 35, No. 28, October 1, 1996, Pages 5529-5534.

Examiner Signature	Date Considered
	5/27/04

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Sheet	5	of	5
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